Release B CDR RID Report

Date Last Modified 6/26/96

Originator Ben Kobler

Organization

E Mail Address

Document

Phone No

RID ID CDR 74	
Review Release B CDR	
Originator Ref	
Priority	

Section	**Page**	**Figure Table**

Category Name   Data Server (DSS) Design

Actionee   ECS

Sub Category

Subject

Description of Problem or Suggestion:

In order to track checksum errors to particular tape drives, the system needs to check which drive was used during a retrieve.

Originator's Recommendation

Ensure that this is done. Perform trade study.

GSFC Response by:

GSFC Response Date

HAIS Response by: Scott Halpine

HAIS Schedule

HAIS R. E.   J. Smith

HAIS Response Date   6/7/96

The STMGT design has been slightly modified since CDR to additionally report the drive id used when a file is originally archived. This will be accomplished via the use of several AMASS APIs which will provide the needed drive id.

These same APIs can also be used to ascertain the drive id used when a file is retrieved from tape.   Consequently, the STMGT design has also been modified to report the drive id used when a checksum error is encountered. The information that will now be reported for detected checksum error conditions follows:

 Time/date of error
 File name
 Archive Id
 Volume Id
 Drive Id
 Request Id
 Metadata checksum value
 Calculated checksum value

Status   **Closed**

Date Closed   **6/25/96**

Sponsor   **Kobler**

****** **Attachment if any** ******